



National Voluntary Laboratory Accreditation Program



SCOPE OF ACCREDITATION TO ISO/IEC 17025:1999

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CALIBRATION LABORATORIES

NVLAP LAB CODE 200647-0

MECHANICAL

NVLAP Code: 20/M08
Mass

<i>Range</i>	<i>Best Uncertainty (\pm) in mg^{note 1}</i>	<i>Remarks</i>
30 kg	16.4	Echelon II
20 kg	10.4	Echelon II
10 kg	5.1	Echelon II
5 kg	2.6	Echelon II
3 kg	1.6	Echelon II
2 kg	1.08	Echelon II
1 kg	0.37	Echelon II
500 g	0.20	Echelon II
300 g	0.127	Echelon II
200 g	0.096	Echelon II
100 g	0.069	Echelon II
50 g	0.037	Echelon II
30 g	0.025	Echelon II
20 g	0.020	Echelon II
10 g	0.018	Echelon II
5 g	0.0096	Echelon II
3 g	0.0069	Echelon II
2 g	0.0058	Echelon II

2006-01-01 through 2006-12-31

Effective dates

For the National Institute of Standards and Technology



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1 g	0.0059	Echelon II
500 mg	0.0033	Echelon II
300 mg	0.0024	Echelon II
200 mg	0.0021	Echelon II
100 mg	0.0022	Echelon II
50 mg	0.0015	Echelon II
30 mg	0.00094	Echelon II
20 mg	0.00082	Echelon II
10 mg	0.00083	Echelon II
5 mg	0.00180	Echelon II
3 mg	0.00172	Echelon II
2 mg	0.00176	Echelon II
1 mg	0.00208	Echelon II
1000 lb	1.6 g	Echelon II
500 lb	0.9 g	Echelon II
50 lb	11 mg	Echelon II
30 lb	7.0 mg	Echelon II
25 lb	5.8 mg	Echelon II
20 lb	5.5 mg	Echelon II
10 lb	2.9 mg	Echelon II
5 lb	1.4 mg	Echelon II
35 kg	191 mg	Echelon III
30 kg	47 mg	Echelon III
20 kg	45 mg	Echelon III
10 kg	46 mg	Echelon III
5 kg	2.9 mg	Echelon III
3 kg	2.1 mg	Echelon III
2 kg	1.3 mg	Echelon III
1 kg	0.8 mg	Echelon III
500 g	0.82 mg	Echelon III
300 g	0.80 mg	Echelon III
200 g	0.41 mg	Echelon III
100 g	0.17 mg	Echelon III
50 g	0.10 mg	Echelon III
30 g	0.097 mg	Echelon III

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20 g	0.096 mg	Echelon III
10 g	0.042 mg	Echelon III
5 g	0.042 mg	Echelon III
3 g	0.042 mg	Echelon III
2 g	0.042 mg	Echelon III
1 g	0.029 mg	Echelon III
500 mg	0.029 mg	Echelon III
300 mg	0.029 mg	Echelon III
200 mg	0.029 mg	Echelon III
100 mg	0.030 mg	Echelon III
50 mg	0.030 mg	Echelon III
30 mg	0.030 mg	Echelon III
20 mg	0.030 mg	Echelon III
10 mg	0.034 mg	Echelon III
5 mg	0.034 mg	Echelon III
3 mg	0.034 mg	Echelon III
2 mg	0.034 mg	Echelon III
1 mg	0.032 mg	Echelon III
3500 lb	29.9 g	Echelon III
2500 lb	29.7 g	Echelon III
2000 lb	29.6 g	Echelon III
1000 lb	1.7 g	Echelon III
500 lb	1.1 g	Echelon III
100 lb	117 mg	Echelon III
50 lb	71 mg	Echelon III
30 lb	58 mg	Echelon III
25 lb	58 mg	Echelon III
20 lb	58 mg	Echelon III
10 lb	2.9 mg	Echelon III
5 lb	2.9 mg	Echelon III
4 lb	2.1 mg	Echelon III
3 lb	1.3 mg	Echelon III
2 lb	0.8 mg	Echelon III
1 lb	0.82 mg	Echelon III
.5 lb / 8 oz	0.8 mg	Echelon III

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CALIBRATION LABORATORIES

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.3 lb / 4 oz	0.041 mg	Echelon III
.2 lb / 2 oz	0.017 mg	Echelon III
.1 lb / 1 oz	0.101 mg	Echelon III
.05 lb	0.101 mg	Echelon III
.03 lb / 1/2 oz	0.101 mg	Echelon III
.02 lb / 1/4 oz	0.042 mg	Echelon III
.01 lb / 1/8 oz	0.042 mg	Echelon III
.005 lb	0.042 mg	Echelon III
.003 lb / 1/16 oz	0.042 mg	Echelon III
.002 lb / 1/32 oz	0.029 mg	Echelon III
.001 lb	0.029 mg	Echelon III

NVLAP Code: 20/M12
Volume

Range	Best Uncertainty (\pm) in in^3 note 1	Remarks
1/2 pint	0.19	Gravimetric
1 pint	0.11	Gravimetric
1 quart	0.23	Gravimetric
1 liter	1.1	Gravimetric
0.5 g	0.20	Gravimetric
1 g	0.38	Gravimetric
5 g	0.03	Gravimetric
5 g	0.17	Volume Transfers
25 g	0.87	Volume Transfers
50 g	1.4	Volume Transfers
100 g	2.6	Volume Transfers
200 g	5.2	Volume Transfers
500 g	13	Volume Transfers
600 g	16	Volume Transfers

1. Represents an expanded uncertainty using a coverage factor, $k = 2$, at an approximate level of confidence of 95 %.

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